

## **ABSTRACT OF THE DISCLOSURE**

The present invention provides for a supply interface unit for use in a DC power  
5 pooling system, the DC power pooling system comprising a plurality of DC electrical  
power consuming and providing entities, each of the DC electrical power consuming and  
providing entities having at least a first operative mode in which it may provide more  
electrical power than it consumes and a second operative mode in which it may consume  
10 more electrical power than it provides, and at least one pooling controller, the supply  
interface unit comprising: a first port and a second port; a controller; at least one  
controllable switch, operable by said controller to enable current flow from one of said  
first port to said second port and said second port to said first port; and at least one  
current limiter, operable by said controller to limit said current flow.